

COC# 90

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CHAIN OF CUSTODY REPORT

Work Order #: M106051

CLIENT: BRISTOL		INVOICE TO: BRISTOL										TURNAROUND REQUEST in Business Days* <div style="text-align: center;">Organic & Inorganic Analyses</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">7</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> <div style="text-align: center;">STD. Petroleum Hydrocarbon Analyses</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> <div style="text-align: center;">STD. Please Specify</div> <div style="text-align: center; border: 1px solid black; padding: 2px; width: 100px; margin: 0 auto;">OTHER</div> <p style="font-size: small; margin-top: 10px;">*Turnaround Requests less than standard may incur Rush Charges.</p>																			
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090																													
ADDRESS: AMCHITKA ISLAND, AK																															
PHONE: 907-770-0974 FAX: 770-0975		<div style="text-align: center; font-weight: bold; font-size: small;">REQUESTED ANALYSES</div> <table border="1" style="width:100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table>																													
PROJECT NAME: AMCHITKA																															
PROJECT NUMBER: 21090																															
SAMPLED BY: Anne / Charlie																															
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	HCTD											MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID															
1. 01AMC2301SL	6/16/01 1645	✓											S	1																	
2. 01AMC2302SL	6/16/01 1650	✓											S	1																	
3.																															
4.																															
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RELINQUISHED BY: Anne Kranawetter		DATE: 6/16/01		RECEIVED BY: Craig Briddle		DATE: 6/16/01																									
PRINT NAME: Anne Kranawetter		FIRM: BRISTOL		TIME: 758		FIRM: NCA																									
RELINQUISHED BY:		DATE:		RECEIVED BY:		DATE:																									
PRINT NAME:		FIRM:		PRINT NAME:		FIRM:																									
FIRM:		TIME:		FIRM:		TIME:																									
ADDITIONAL REMARKS:																															
COC REV 3/99																															
						TEMP: 6.2°C																									
						PAGE 1 OF 1																									



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6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/16/01 17:58. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106051



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/19/01 12:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC2301SI	M106051-01	Soil	06/16/01 16:45	06/16/01 17:58
01AMC2302SI	M106051-02	Soil	06/16/01 16:50	06/16/01 17:58

C. O. C. #90

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Project: Amchitka
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Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMC2301SI (M106051-01) Soil					Sampled: 06/16/01 Received: 06/16/01				
Gasoline Range Hydrocarbons	16.7	10.0	mg/kg	1	NWTPH HCID	06/17/01	06/18/01	0106060	D-09
Diesel Range Hydrocarbons	35.3	25.1	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	397	50.2	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>105 %</i>	<i>50-150</i>							
01AMC2302SI (M106051-02) Soil					Sampled: 06/16/01 Received: 06/16/01				
Gasoline Range Hydrocarbons	ND	10.0	mg/kg	1	NWTPH HCID	06/17/01	06/18/01	0106060	
Diesel Range Hydrocarbons	734	25.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	476	50.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>101 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

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Reported:
06/19/01 12:35

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106060 - TPH-HCID (WA)

Blank (0106060-BLK1)

Prepared: 06/17/01 Analyzed: 06/18/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

Surr: 1-Chlorooctadecane 10.5 " 10.0 105 50-150

North Creek Analytical - Mobile Lab

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Notes and Definitions

D-09 Detected hydrocarbons in the diesel range appear to be due to overlap of heavy/oil range hydrocarbons.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106051 FINAL 06 19 01 1235.mdb Default Report (not modified)
M106051-01	NW-HCID mod	Diesel Range Hydrocarbons	D-09